

48. The isolated nucleic acid molecule of claim 47 comprising the nucleotide sequence of SEQ ID NO: 1.

49. A vector comprising the isolated nucleic acid molecule of any of claims 46, 47, or 48.

50. A host cell comprising the isolated nucleic acid molecule of any of claims 46, 47, or 48.

51. A host cell comprising the vector of claim 49.

52. An isolated nucleic acid molecule which hybridizes under conditions of hybridization in 50% formamide at 42°C and washing in 0.1 X SSC at 65°C to a nucleic acid molecule consisting of the nucleotide sequence of SEQ ID NO:2.

53. An isolated nucleic acid molecule comprising a nucleotide sequence encoding a polypeptide comprising the amino acid sequence of SEQ ID NO:6.

54. The isolated nucleic acid molecule of claim 52 comprising the nucleotide sequence of SEQ ID NO: 2.

55. A vector comprising the isolated nucleic acid molecule of any of claims 52, 53, or 54.

56. A host cell comprising the isolated nucleic acid molecule of any of claims 52, 53, or 54.

57. A host cell comprising the vector of claim 55.

58. An isolated nucleic acid molecule which hybridizes under conditions of hybridization in 50% formamide at 42°C and washing in 0.1 X SSC at 65°C to a nucleic acid molecule consisting of the nucleotide sequence of SEQ ID NO:3.

59. An isolated nucleic acid molecule comprising a nucleotide sequence encoding a polypeptide comprising the amino acid sequence of SEQ ID NO:7.

60. The isolated nucleic acid molecule of claim 59 comprising the nucleotide sequence of SEQ ID NO: 3.

61. A vector comprising the isolated nucleic acid molecule of any of claims 58, 59, or 60.

62. A host cell comprising the isolated nucleic acid molecule of any of claims 58, 59, or 60.

63. A host cell comprising the vector of claim 61.

64. An isolated nucleic acid molecule which hybridizes under conditions of hybridization in 50% formamide at 42°C and washing in 0.1 X SSC at 65°C to a nucleic acid molecule consisting of the nucleotide sequence of SEQ ID NO:4.

65. An isolated nucleic acid molecule comprising a nucleotide sequence encoding a polypeptide comprising the amino acid sequence of SEQ ID NO:8.

66. The isolated nucleic acid molecule of claim 65 comprising the nucleotide sequence of SEQ ID NO:4.

67. A vector comprising the isolated nucleic acid molecule of any of claims 64, 65, or 66.

68. A host cell comprising the isolated nucleic acid molecule of any of claims 64, 65, or 66.

69. A host cell comprising the vector of claim 67.

70. An isolated nucleic acid molecule which hybridizes under conditions of hybridization in 50% formamide at 42°C and washing in 0.1 X SSC at 65°C to a nucleic acid molecule consisting of the nucleotide sequence of SEQ ID NO:13.

71. An isolated nucleic acid molecule comprising a nucleotide sequence encoding a polypeptide comprising the amino acid sequence of SEQ ID NO: 14.

72. The isolated nucleic acid molecule of claim 71 comprising the nucleotide sequence of SEQ ID NO: 13.

73. A vector comprising the isolated nucleic acid molecule of any of claims 70, 71, or 72.

74. A host cell comprising the isolated nucleic acid molecule of any of claims 70, 71, or 72.

75. A host cell comprising the vector of claim 73.

76. An isolated nucleic acid molecule which hybridizes under conditions of hybridization in 50% formamide at 42°C and washing in 0.1 X SSC at 65°C to a nucleic acid molecule consisting of the nucleotide sequence of SEQ ID NO:10.

77. An isolated nucleic acid molecule comprising a nucleotide sequence encoding a polypeptide comprising the amino acid sequence of SEQ ID NO: 12.

78. The isolated nucleic acid molecule of claim 77 comprising the nucleotide sequence of SEQ ID NO: 10.

79. A vector comprising the isolated nucleic acid molecule of any of claims 76, 77, or 78.

80. A host cell comprising the isolated nucleic acid molecule of any of claims 76, 77, or 78.

81. A host cell comprising the vector of claim 79.

82. An isolated nucleic acid molecule which hybridizes under conditions of hybridization in 50% formamide at 42°C and washing in 0.1 X SSC at 65°C to a nucleic acid molecule consisting of the nucleotide sequence of SEQ ID NO:15.

83. The isolated nucleic acid molecule comprising the nucleotide sequence of SEQ ID NO: 15.

84. A vector comprising the isolated nucleic acid molecule of any of claims 82 or 83.

85. A host cell comprising the isolated nucleic acid molecule of any of claims 82 or 83.

86. A host cell comprising the vector of claim 84.--

REMARKS

Claims 17-18 and 46-86 are pending, claims 1-16 having been cancelled and claims 46-86 having been added by the above amendment.

Support for new claims 46-86 appear throughout the specification, e.g., support for new claims 46-51 appear in the specification at page 2, lines 12-15, page 5, lines 26-30, and page 3,